



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
		Application Number	09/497,865
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Filing Date	February 4, 2000
		First Named Inventor	Donald C.D. Chang
		Art Unit	3662
		Examiner Name	Issing, Gregory C.
		Attorney Docket Number	PD-980034
Sheet 1	of 2		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
gi		US- 3,673,606	06-27-1972	Maune, James J.	
		US- 3,720,953	03-13-1973	Ajioka, James S.	
		US- 4,926,186	05-15-1990	Kelly, Robert J.	
		US- 5,077,562	12-31-1991	Von de Embse, Urban <del>Chang</del> et al	
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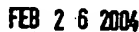
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
gi		EP 0 190927 A	08-13-1986	Natnl Res Dev		
gi		EP 0 647976 A	04-12-1995	Nippon Steel Co		
gi		WO 9733342 A	09-12-1997	Nippon Steel Co		

Examiner Signature	<i>Gregory C. Issing</i>	Date Considered	6-16-04
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<b>Examiner Name</b>	Issing, Gregory C.
<b>Attorney Docket Number</b>	PD-980034

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
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MIURA, RYU ET AL.: "BEAMFORMING EXPERIMENT WITH A DBF MULTIBEAM ANTENNA IN A MOBILE SATELLITE ENVIRONMENT" IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, IEEE INC. NEW YORK,

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